

Work Order ID 60217

Monday, June 28, 2010 3:23:04 PM



Page 1

Item ID: D3183-5

Accept



Setup Start



Revision ID:

Item Name: Bearing

Stop



Start Date: 6/28/2010 Start Qty: 50.00



Cust Item ID:

Required Date: 6/30/2010 Req'd Qty: 50.00



Customer:

Reference:

Approvals: Process Plan: CY Date: 10/6/28 Tooling:

Date:

Run Start



QC: Date: SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
<u>Draw Nbr</u>	<u>Revision Nbr</u>								
D3183	Rev C1								
100	PURCHASING	0.00							
	Purchasing	Memo 0.00							
Purchasing	Issue P/O: <u>12176</u> <input type="checkbox"/> Bearing as per Dwg D3183 <input type="checkbox"/> Single row, deep groove, Conrad type, shielded <input type="checkbox"/> Possible Supplier: NSK P/N 6800ZZ <input type="checkbox"/> Certificate of conformity note is required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
	Packaging	Memo 0.00							
Packaging	Ensure certificate of conformity is attached								
120	QC6- Inspect dimensions to drawing	0.00							
	QC	Memo 0.00							
Quality Control									

CY 10/6/28 (50)

10/6/28/5 (50)

(50)
Cantos

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 60217

Monday, June 28, 2010 3:23:04 PM

Page 2

Item ID: D3183-5

Accept

Revision ID:

Item Name: Bearing

Start Date: 6/28/2010 Start Qty: 50.00

Required Date: 6/30/2010 Req'd Qty: 50.00

Reference:

Cust Item ID:

Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run

Start

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: 236

0.00



Packaging

Memo

0.00

Packaging

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

6/27/10ES100706MF
10-7-05

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

Picklist Print

Monday, June 28, 2010 3:23:04 PM

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Work Order ID: 60217



Parent Item: D3183-5



Parent Item Name: Bearing


Start Date: 6/28/2010

Required Date: 6/30/2010

Start Qty: 50.00

Required Qty: 50.00

Comments: IPP: A 03.03.27 New issue KJ/RF

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
6800ZZ  Bearing		Purchased	No			100	Each	0.0000	1	50		6/28/10 (50)	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

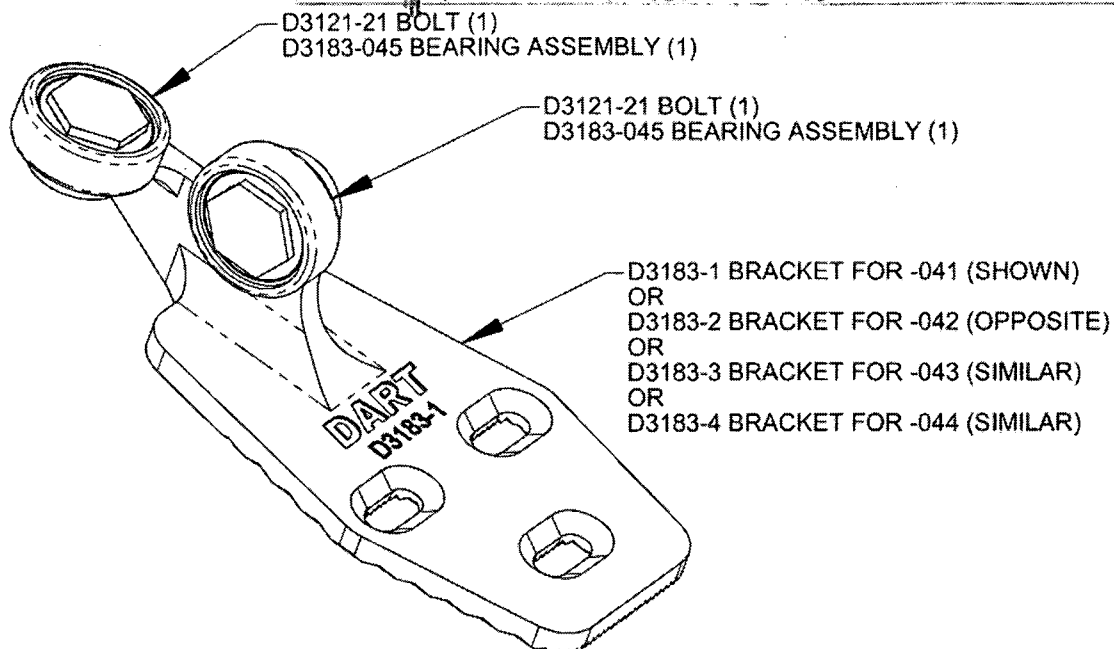
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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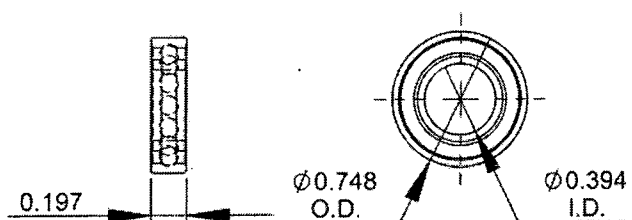
NOTE: Date & initial all entries

DART

DESIGN #	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3183	REV. C SHEET 1 OF 4
DATE 04.02.17		TITLE BRACKET ASSEMBLY	SCALE 1:1
A	03.01.24	NEW ISSUE	
B	03.06.17	REMOVE BEARING; 1.012 WS 0.882	
C	04.02.17	ADD -045/-9; 0.182 WAS 0.431	
C1	# 04.11.09	0.830 WAS 0.850	

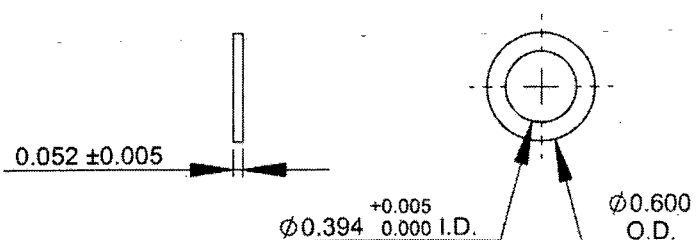
RELEASED
04.03.01

D3183-041 BRACKET ASSEMBLY (SHOWN)
D3183-042 BRACKET ASSEMBLY (OPPOSITE)
D3183-043 BRACKET ASSEMBLY (SIMILAR)
D3183-044 BRACKET ASSEMBLY (SIMILAR)



D3183-5 BEARING:
SPECIFICATION CONTROL DRAWING

- 1) SINGLE ROW, DEEP GROOVE, CONRAD TYPE, SHIELDED
- 2) POSSIBLE SUPPLIER: NSK P/N 6800ZZ
- 3) ALL DIMENSIONS ARE IN INCHES



D3183-7 WASHER

- 1) MATERIAL: AISI 303 ROUND BAR (M303R) ANNEALED
- 2) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES

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W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO12176

Purchase Order Date 6/28/10

PO Print Date 6/28/10

Page Number 1 of 1

Order From :

VC-MAI001

MAIN INDUSTRIAL SALES LTD.
1475, TESSIER
HAWKESBURY, ON K6A 3S6
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	613 632 3595	Requisition Nbr	
Vendor Fax	613 632 0262	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
CYCLES

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	6900ZZ	Bearing	6/29/10 Yes	50.00 Each	Yours ppd	\$1.6200	\$81.00
Special Inst: AS PER DWG D3121 REV. E B60199 P/N: 61900-2Z OR KML P/N:6900-ZZ							
2	6800ZZ	Bearing	6/29/10 Yes	50.00 Each	Yours ppd	\$1.4800	\$74.00
Special Inst: AS PER DWG D3183 REV. C B60217 SINGLE ROW, DEEP GROOVE, CONRAD TYPE, SHIELDED NSK P/N: 6800ZZ							
PO Total:							\$155.00

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

CL

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 1

Change Date: 6/28/10

MAIN INDUSTRIAL SALES LTD.

1475 TESSIER ST.
HAWKESBURY ON K6A 3S6
Phone: (613) 632-3595 Ext. Fax: (613) 632-0262
sales@mainindustrialsales.com

Packing Slip

DATE June 28, 2010
NUMBER 0000136064
CUSTOMER NO. DART

BILL TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

SHIP TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

(613) 632-5200 Ext.

(613) 632-5200 Ext.

P.O. NUMBER		SALESPERSON	ORDER DATE	REQ. DATE	ORDER NUMBER
12176		EB	28-Jun-10		0000136064
F.O.B.		SHIP VIA		TERMS	
F.O.B. value		OUR TRUCK		NET 30 DAYS	
PART NUMBER		UOM		QUANTITY	
DESCRIPTION				REQ.	SHIPPED B.O.
0-69002ZKML KML BALL BEARING		EA		50	50
0-68002ZKML BALL BEARING		EA		50	40 10

CP 10.06.06

S 06/07/10

MAIN INDUSTRIAL SALES LTD.

1475 TESSIER ST.
HAWKESBURY ON K6A 3S6
Phone: (613) 632-3595 Ext. Fax: (613) 632-0262
sales@mainindustrialsales.com

Packing Slip

DATE July 02, 2010
NUMBER 0000136064
CUSTOMER NO. DART

BILL TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

SHIP TO:

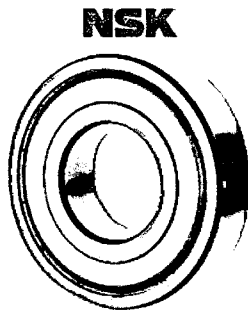
DART AEROSPACE LTD.
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F.O.B.	SHIP VIA	TERMS		
F.O.B. value	OUR TRUCK	NET 30 DAYS		
PART NUMBER	UOM	QUANTITY		
DESCRIPTION		REQ.	SHIPPED	B.O.
0-68002ZKML BALL BEARING	EA	10	10	
8.1062125				

1row radial ball bearing,6800-ZZ 10mm ID


[View larger image](#)

This image is representative of the product range

RS Stock No. 492-2099
 Manufacturer NSK
 Manufacturers Part No. 6800ZZ

qty	Price Each
1	€ 8.59
6	€ 8.08
25	€ 7.72

[Add to Order](#)
[Log In](#)

37 in stock in the UK.

Stock Information correct at 06/07/2010 4:29 AM

Need more than we have available?

[Email us](#) and we'll help you to get the quantity you need. Alternatively call us on +357 2237 6450

Technical data sheets

[Click here to access technical data sheets in PDF format online.](#)

Attributes

Attribute Type	Attribute Value
Inside Diameter d	10 mm
Outside Race Diameter D	19 mm
Race Width W	5 mm
Maximum Speed - Grease	32000 rpm
Load Ratings Static	924 N
Manufacturer Part No.	6800ZZ
Maximum Speed - Oil	40000 rpm
Bearing Reference	6800-ZZ
Load Ratings Dynamic	1990 N

Overview

NSK Metric Ball Bearings - Shielded

Shielded (ZZ or Z) bearings are fitted with two metal dust shields to prevent ingress of dirt and foreign matter.

- Primarily intended for applications where the bearing inner ring rotates
 If the outer ring rotates there is a danger that grease may be lost from the bearing at high speeds

Range Overview

Shielded NSK

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 Birchington Road, Corby, Northants, NN17 9RS, UK

REFERENCE ONLY